

Blue Ribbon Commission on America's Nuclear Future
Disposal Subcommittee
September 1, 2010

Washington Marriott
1221 22nd Street NW, Washington, DC
Agenda

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| 8:30 a.m. | Open Meeting, Review Agenda | <i>Timothy Frazier, Designated Federal Officer</i> |
| 8:35 a.m. | Welcome, Opening remarks | <i>Co-Chairs Sen. Hagel and Jonathan Lash, Subcommittee members</i> |
| 8:40 a.m. | Regulatory History of the Nuclear Waste Policy Act | <i>Dr. Thomas Cotton, Commission Staff Consultant</i> |
| 9:15 a.m. | The current status and plans regarding regulations for deep geological repositories | <i>Timothy McCartin, Senior Advisor for Performance Assessment, Division of High Level Waste Repository Safety, Office of Nuclear Material Safety and Safeguards, NRC</i> <i>Jonathan Edwards, Director, Radiation Protection Division, EPA</i> |
| 10:00 a.m. | <i>Break</i> | |
| 10:15 a.m. | Panel 1: What are the essential elements of technically credible, workable, and publicly acceptable regulations for disposal (in geologic repositories)? <ul style="list-style-type: none">• <i>What should be the time frame for protection of public health and safety in disposal regulations?</i>• <i>How should compliance be demonstrated (including the role of performance assessment)?</i>• <i>Should there be requirements concerning</i> | <i>Dr. Mark Peters, Deputy Director for Programs, ANL</i> <i>Dr. Robert Budnitz, Staff Scientist, LBNL</i> <i>Dr. Warner North, President and Principal, NorthWorks, Inc; Consulting Professor, Stanford University</i> <i>Dr. William Murphy, Professor, Department of Geological and Environmental Sciences,</i> |

retrievability?

- What can be learned from international experience in developing and implementing HLW disposal regulations?
- Are regulatory changes needed to accommodate staged repository development concepts?
- Would different regulations be required for disposal systems other than mined geologic repositories (e.g. deep boreholes)?
- Are there other regulatory issues (e.g. waste classification, dual regulation with RCRA) that should be reconsidered?

12:30 p.m. *Lunch break*

1:30 p.m. **Panel 2.** What are the essential elements for a technically credible and publicly acceptable institutional system and process for regulating the safety of disposal?

- How can needed regulations be developed in a coordinated, consistent, and timely manner? (I.e. how can we avoid the extended, out-of-sequence, and confusing process of development of NRC and EPA regulations for repositories in general and for Yucca Mountain?)
- Is the current allocation of regulatory authorities among agencies appropriate?
- What has been learned about developing and implementing disposal regulations from experience in the US and abroad?
- What should be the role of state, local, and tribal governments in the process?

3:00 p.m. *Break*

3:15 p.m. Round-table discussion

4:15 p.m. Public Comments

5:00 p.m. Adjourn

California State University

Daniel Schultheisz, Office of Radiation and Indoor Air, Radiation Protection Division, EPA

Tim McCartin, Senior Advisor for Performance Assessment, NRC

Robert Neill, Director Emeritus, New Mexico Environmental Evaluation Group

Dr. Michael Voegele, Independent Consultant

Steve Frishman, Technical Consultant, State of Nevada Agency for Nuclear Projects

Dr. Hank Jenkins-Smith, Professor, Associate Director, Center for Applied Social Research, University of Oklahoma

Dr. Roger Kasperson, Research Professor and Distinguished Scientist, Clark University

Chaired by Co-chairs Sen. Hagel and Jonathan Lash. All participants in both panels